19990804.ba v02_n627.bam.990804

>From ???@??? Thu Aug 05 05:04:41 1999
Message-Id: <199908050323.d753N9Q19412@sco.theporch.com>
Date: Wed, 4 Aug 1999 22:22:40 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2627

BOATANCHORS Digest 2627

Topics covered in this issue include:

1) RE: Drake TR3 on CW
by "Roberta J. Barmore" <rbarmore@indy.net>
2) Re: Drake TR3 on CW
by "Arden Allen" <gumbear@pacbell.net>
3) Flagstaff / Ft. Tuthill Report?
by David Stinson <arc5@ix.netcom.com>
4) Re: Telefunken SW/BC Receiver and BC-348
by "Steve" <scb@loki.internettport.net>
5) Re: Telefunken SW/BC Receiver and BC-348
by Scott Robinson <spr@earthlink.net>
6) FS: Millen Variarm VFO (90700)
by Michael Crestohl <mc@sover.net>
7) Re: [MilSurplus] TBW-5, TA-12D
by David Stinson <arc5@ix.netcom.com>
8) Re: [MilSurplus] TBW-5, TA-12D
by mbendror@villagenet.com
9) Re: 2626/BC-610
by Jderm740@aol.com
10) Re: [MilSurplus] TBW-5, TA-12D
by "Roberta J. Barmore" <rbarmore@indy.net>
11) Circuit Design Question
by Dexter Francis <cwest@xmission.com>
12) Thanks for ant info
by "Paul Bernhard Sr." <w2tu@email.msn.com>
13) LEAD ACID BATTERY CHARGING QUERY
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
14) TRADE: SP-600 JX-17 Super Pro
by "Tony J. Schroeder" <tony@bright.net>
15) HRO-60 Pwr Xfmr WTB
by Sandy Gerli <angerli@esslink.com>
16) Re: wide bandwidth SSB vs. normal bandwidth
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
17) Rider Manuals for Sale
by K8MFO@aol.com
18) Re: wide bandwidth SSB

by Ralph Parker <rparker@istar.ca>
19) Couple of needs
by "Robert Nickels" <ranickel@mwci.net>
20) Re: [MilSurplus] TBW-5, TA-12D
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>

Date: Tue, 3 Aug 1999 21:19:54 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Drake TR3 on CW
Message-ID: <Pine.SUN.4.10.9908032104110.5652-100000@indy3>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

I hate to say this here, but to cleanly key a sinewave if you haven't got a really *fast* reed relay in a low-Z circuit, the 4066 IC works well; only trick is that you either have to bias up the audio into the thing so it never drops under 0V or run the 4066 off bipolar supplies--I think they max out at 15V across the supply pins so +/-5V rails will do. Failure to do so is the doom of many otherwise clever 4066 applications.

I did this in a channel-IDing stereo tone generator for the TV station--500 cps with short 1 kc "blips" right, left, right every five seconds or so. That one's complex, as each side's set of tones is fed into a summing amplifier and a pair of 4066 sections are used to turn off the tone and ground the associated input. (A real pig, every bit of tone and timing comes from one 10mHz TCXO! Small wonder tubes are an attractive pastime...).

Why VOX? If you're wiggling a key, all you need is a mess of digital logic and/or some fast relays to push the PTT switch just before starting the tone; actually kinda trivial to sequence a set of reed relays so the rig's put in transmit scant milliseconds before the tone starts. You could get fancier with TTL (or steering diodes and an RC network) and get semi-break-in, which can be nicer to work with and a bit easier on the rig. The faster you work, the harder this is to pull off--75 wpm folks will probably have trouble making the sequence happen with suitable despatch.

73,
--Bobbi

(Don't look at me--RUFZ has been eating my lunch. Still not sure some of those prefixes are real...! <grin>)

KB9GKX "RJ" rbarmore@indy.net   Roberta J. (Bobbi) Barmore
      FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
   Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Message-Id: <199908040241.TAA13013@mta2.snfc21.pbi.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Drake TR3 on CW
Date: Tue, 3 Aug 1999 19:42:32 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Bob;

> My question is could I use a 1000cps audio signal from one of my audio
> osc to key the rig through the mike input in the ssb position thus taking
> advantage of the
> vox circuit? If so what wud be the best way to key the audio osc? I also
like

As David Newkirk pointed out there are problems with using an audio tone to send CW with an SSB rig. Also, harmonic distortion in the audio path will cause unwanted extra weak sidebands which will "widen" the signal, not so good for operating close to other stations.

Switching the signal from an audo source on and off will cause severe clicks unless the switch is really a ramp controlled variable attenuator, not an easy circuit to create. It is easier to turn an audio oscillator on and off such that the oscillations take a few milliseconds to build up when keyed and a few milliseconds to die away when unkeyed. Care must taken to keep the oscillator on-off control signal from feeding through which will cause clicks and defeat the purpose of the method.

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

Message-ID: <37A7AEF1.746EF8C2@ix.netcom.com>
Date: Tue, 03 Aug 1999 22:09:37 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Flagstaff / Ft. Tuthill Report?

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Did anyone go to Flagstaff / Ft. Tuthill hamfest?
How was it? Attendance up?

73 Dave

Message-Id: <199908040620.BAA28372@loki.internettport.net>
From: "Steve" <scb@loki.internettport.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 4 Aug 1999 00:58:25 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: Telefunken SW/BC Receiver and BC-348
CC: boatanchors@theporch.com

">I just hauled back the subject line------ but am in a funk (sorry) as far as deciding what to do with it. The electronics are complete, but there is no console. This may be more of a parts piece than a decent piece of gear."

Hello; I strongly suspect your Telefunken was a "pull" from a largish console that was converted to another purpose as were many late '20s thru '40s domestic consoles. It should work self-standing with speaker(s) provided to the yellow/green/red(?) & black wires and possibly worth a built box if you like the result. Please rest assured however that most of these things were merely glorified Euro equivilants of an AA5 with a naked mixer front end, various and sundry embellishment features and a (usually) pretty good single ended audio stage. By BA standards, they are quite insensitive with poor rejection. It's probably tired tubes would be mainly of value in it or to revive a close relative. It could make for a fun & somewhat exotic project set. Good luck & have fun!

BTW, a BC-348 rebuilt and made operational with really great headphones (Telephonics TDH-39s at least or modern high quality stereo headphones w/match xformer) is one of the very finest working/sounding short wave BC recievers going! Lesser 'phones won't show the set to it's full capability on the BBC and other major BCers.

Regards; Steve

Message-Id: <v03007800b3cd91c2787c@[209.179.247.19]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Tue, 3 Aug 1999 23:49:23 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: Telefunken SW/BC Receiver and BC-348

> ">I just hauled back the subject line------ but am in a funk (sorry) as far as deciding what to do with it. The electronics are complete, but there is no console. This may be more of a parts piece than a decent piece of gear."
>
> Hello; I strongly suspect your Telefunken was a "pull" from a largish console that was converted to another purpose as were many late '20s thru '40s domestic consoles. It should work self-standing with speaker(s) provided to the yellow/green/red(?) & black wires and possibly worth a built box if you like the result. Please rest assured however that most of these things were merely glorified Euro equivilants of an AA5 with a naked mixer front end, various and sundry embellishment features and a (usually) pretty good single ended audio stage. By BA standards, they are quite insensitive with poor rejection. It's probably tired tubes would be mainly of value in it or to revive a close relative. It could make for a fun & somewhat exotic project set. Good luck & have fun!

and now Scott says:

Well, most of the German sets have naked mixer front ends, true enough. However, many have two AM IF stages and use good quality coils and high gain tubes. They work quite well as SWBC receivers, limited image rejection notwithstanding. They also use triode/hexode mixers instead of pentagrid types, so oscillator pulling is less of a concern.

This particular set, I suspect, is a very posh one. The separate power supply. power amp is the clue. And I do know of one European set with an RF amp and two IF stages, using EF184/6EJ7 frame grid tubes with beaucoup Gm. One such set is the ONLY set every at my house to receive WWV on 20 MHz. Unfortunately it was someone else's, but next week I will have mine, I hope.

Regards,

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Message-Id: <4.2.0.58.19990804060920.00a4a2b0@mail.sover.net>
Date: Wed, 04 Aug 1999 06:15:20 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Michael Crestohl <mc@sover.net>
Subject: FS: Millen Variarm VFO (90700)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I really don't need two of these.......so one is up for grabs!

This is the James Millen 'Variarm' VFO from the late 1940s or early 1950s. Covers 80, 40 and 20 meter bands and is the accessory VFO for the Millen transmitter. It is in pretty clean condition but the insulation in the cable between the chassis and the transmitter plug is starting to crack and should be replaced. Also I think the bottom cover plate is not original but it may be - don't know. The other one doesn't have a cover plate and doesn't look like it ever did.

I'll sell this one for $125.00 plus UPS. If interested please reply by e-mail.

73,

Michael Crestohl
mc@sover.net

PS: In case of multiple requests I try to be fair to everyone on all time zones and choose the buyer at random.

Message-ID: <37A82D3A.7B94ED9C@ix.netcom.com>
Date: Wed, 04 Aug 1999 07:08:26 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Boatanchors@qth.net, Milsurplus@qth.net,
   Boatanchors <boatanchors@theporch.com>,
   Tempe Boatanchors <BOATANCHORS@LISTSERV.TEMPE.GOV>
Subject: Re: [MilSurplus] TBW-5, TA-12D
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronnie Parker wrote:

> I am in need of conversion copy prints for the TBW-5 transmitter
> and the TA-12D transmitter.....

The units are certainly your property and I
wouldn't presume to tell you what to do,
but please consider the perspective of a serious
collector of these historic radios.

The "modifications" to military equipment written about in
ham magazines during the 50s and 60s are almost universially
detrimental to the operation of the radios and certainly destroy
their value, both in a monetary and in a historic sense.
The anti-TVI mods, for example, turned out to be
totally wasted effort; the radios weren't defective-
poorly designed TVs and improper radio operation were the culprits.
I've done the work with modern analysis equipment to prove this.

Moreover, drilling one small hole in your TBW is a
sure and certain way to turn your $150 radio into
a $15 radio. Most serious collectors will not
spend time or money on a drilled radio or one in which
major componants have been removed (unless it's really rare ;-).
The vast majority of these radios can be run without modification,
or with modifications that are 100% reversable
(meaning no drill holes or parts removed and lost).

Both of these fine radios can be run without modification
or with 100% reversable mods. You'd need to pull the
rectifier tubes from the TBW and run external DC to the
power supply busses. The TA-12 needs only power and/or
a modulator and some controls, all of which can be
mounted externally as the designers intended.

As a matter of personal principle, I never provide
any assistance when a historic radio is to be irrevokably modified;
too many of them have been destroyed already.
However, should you decide you would like to attempt to
run the radios without such modifications,
I will be glad to provide all the information
I have available to assist you.

Just the perspective of a serious collector, for what it's worth.

73 OM DE Dave Stinson AB5S
arc5@ix.netcom.com

Date: Wed, 4 Aug 1999 08:30:35 -0400 (EDT)
From: mbendror@villagenet.com
Message-Id: <199908041230.IAA11092@vnet.villagenet.com>

To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [MilSurplus] TBW-5, TA-12D
Content-Transfer-Encoding: 7bit

I agree wholeheartedly with Dave!

Anyone considering using one of the "How to butcher your irreplaceable military radio" manuals (a.k.a. "Conversion manuals"), please join one of the military equipment users' nets on the bands and see how unmodified (or "reversible modified" mainly for maintenance or parts availability purposes) military radios perform with great success in amateur use.

WILL BE HAPPY TO HELP ANYONE WISHING TO RESTORE, MAINTAIN AND/OR OPERATE AND PRESERVE HISTORIC MILITARY EQUIPMENT.

73, Meir, WF2U

Quoting David Stinson <arc5@ix.netcom.com>:

> Ronnie Parker wrote:
>
> > I am in need of conversion copy prints for the TBW-5 transmitter
> > and the TA-12D transmitter.....
>
> The units are certainly your property and I
> wouldn't presume to tell you what to do,
> but please consider the perspective of a serious
> collector of these historic radios.
>
> The "modifications" to military equipment written about in
> ham magazines during the 50s and 60s are almost universially
> detrimental to the operation of the radios and certainly destroy
> their value, both in a monetary and in a historic sense.
> The anti-TVI mods, for example, turned out to be
> totally wasted effort; the radios weren't defective-
> poorly designed TVs and improper radio operation were the culprits.
> I've done the work with modern analysis equipment to prove this.
>
> Moreover, drilling one small hole in your TBW is a
> sure and certain way to turn your $150 radio into
> a $15 radio. Most serious collectors will not
> spend time or money on a drilled radio or one in which

> major componants have been removed (unless it's really rare ;-).
> The vast majority of these radios can be run without modification,
> or with modifications that are 100% reversable
> (meaning no drill holes or parts removed and lost).
>
> Both of these fine radios can be run without modification
> or with 100% reversable mods. You'd need to pull the
> rectifier tubes from the TBW and run external DC to the
> power supply busses. The TA-12 needs only power and/or
> a modulator and some controls, all of which can be
> mounted externally as the designers intended.
>
> As a matter of personal principle, I never provide
> any assistance when a historic radio is to be irrevokably modified;
> too many of them have been destroyed already.
> However, should you decide you would like to attempt to
> run the radios without such modifications,
> I will be glad to provide all the information
> I have available to assist you.
>
> Just the perspective of a serious collector, for what it's worth.
>
> 73 OM DE Dave Stinson AB5S
> arc5@ix.netcom.com
>

From: Jderm740@aol.com
Message-ID: <9b8be0b3.24d99b92@aol.com>
Date: Wed, 4 Aug 1999 09:35:14 EDT
Subject: Re: 2626/BC-610
To: Old Tube Radios <boatanchors@theporch.com>
CC: gpewitt@execpc.com
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gary

You can't be Joe Bfzplk because, I AM.

Jack   Jderm740@aol.com

Date: Wed, 4 Aug 1999 08:49:17 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>, Boatanchors@qth.net,

Milsurplus@qth.net, Tempe Boatanchors <BOATANCHORS@LISTSERV.TEMPE.GOV>
Subject: Re: [MilSurplus] TBW-5, TA-12D
Message-ID: <Pine.SUN.4.10.9908040838500.8468-100000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

...Let us not forget that a pristine piece of mil radio can often be traded for one that *has* been mildly hacked already, with mutual profit. Then the would-be modifier can *start* with something of impaired value, and leave the intact ones for the folks who have the time, space and interest to keep 'em up to Uncle Sam's spec! (A good many of the "modified" sets are very nearly complete; they're just no good as examples of what the Services were using).

It can be a win-win situation, which seems to me a very fine goal for a hobby.

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Message-ID: <37A853D7.7C1EAD6E@xmission.com>
Date: Wed, 04 Aug 1999 08:53:15 -0600
From: Dexter Francis <cwest@xmission.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Circuit Design Question
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Greetings all -

I'm noodling around with a circuit and have some questions:

It's triode XCO driving a Beam Power Pentode. I'd like to substitute a different tubes for the triode and pentode than were used in the original circuit.

In the original circuit, the triode was designed to run about 275 volts on the plate and has a 39 pf capacitor in parallel with a 39k resisitor for grid bias. The databook says the grid bias should be -2 Volts with 250 Volts on the plate. The

AC plate resistance of the triode is 45k and the transconductance is 2100.

The pentode was designed to run about 275 volts on the plate and has a 27k resisitor for grid 1 bias. Grid 2 bias is shown as 220 Volts. The databook says the grid 1 bias should be -8 Volts and 250 volts on the screen grid with 250 Volts on the plate. The AC plate resistance of the pentode is 100k and the transconductance was 6500. It can put 4.2 watts into a 5k load.

The tubes I'd like to run instead have somewhat different parameters. The triode has a plate resistance of 16k and the pentode 12k, as opposed to 45k and 100k.

Also, from the RCA databook:
The new triode needs a grid voltage of -6.6 with 250 Volts on the plate.
The new pentode needs 300 volts on grid 2, with 400 volts on the plate.
The new pentode needs -10 volts on grid 1, with 120 to 135 volts on the plate.

I have no curves for the new tubes.

also:

The original circuit ran a pi network on the output that is identical to the one in figure 8 of of the 1991 ARRL Handbook chapter 15 on RF power amplifiers. RFC1 and RFC2 are 2.5 mH, C1 is 365 pf and C2 is 1000 pf. L1 is either 30 or 43 turns of No. 20 at 16 turns per inch on a 3/4 inch diameter coil. These values do not match the ones in Table 1 (on the same page) for a plate impedance of 5k.

My primary questions are: With the new tubes having AC plate resistances of 16k and 12k, rather than 45k and 100k, what component values need to change? Do I need to also modify the values of C1, C2 and L1 in the pi matching network also? I could breadboard it ,with variable resistors, and just adjust to match the spec values, but I'd really like to understand the design process rather than just cut and try my way thru this.

You'll have fifty minutes to complete this part of the test.
Please show all your work.
You may use both sides of the paper. ;-)
Thanks in advance.

-df

Message-ID: <000901bede98$ac982540$c15b2299@default>

From: "Paul Bernhard Sr." <w2tu@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Thanks for ant info
Date: Wed, 4 Aug 1999 12:44:02 -0400

All friends on the list;

Many thanks for the responses to my query on antenna info. It was a refresher course for this "old ham" who hasn't had to worry about getting out for sometime. Towers, beams,etc. made good sig reports on all bands no problem. Now with the restricted space I have decided to go to the center-fed zepp as an all band option.

The vertical antenna seemed like a good route to go but with the yard layout and surrounding homes and trees and without the space to install an adequate ground plane it just wouldn't fly!

Thanks again to all and I better renew my list membership before a JackAttack!

73

Paul Bernhard Sr. W2TU

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Wed, 4 Aug 1999 15:44:44 -0400 (EDT)
Subject: LEAD ACID BATTERY CHARGING QUERY
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9908041544.aa11719@pcusa01.ecunet.org>

To: boatanchors@theporch.com

Question about keeping 12 v lead-acid batteries in top shape here in the shack...

I've recently seen some "maintenance" type chargers in auto stores. They do 1 A ("maintenance") and 250 mA ("trickle") charge.

There is an extremely simple constant-current ps design that I've used to charge nicads. In a nutshell, line AC to full wave bridge but a capacitor in series with the AC. To get capacitive reactance necessary, divide applied AC voltage (115 v in my case) by wanted current, then convert to capacitance at AC freq (60 Hz).

This ct is quite foolproff: It's short circuit proof, never gives more than rated current. It'll apply up to the max out of DC bridge voltage (about 115 v in this case) to whatever's connect to it (battery to be charged) in order to maintain the rated current. Sometimes useful with bum cells. Found ct in an old ARRL Hints & Kinks I believe.

Only caveats, polarized plug (or use an isolation/stepdown xfmr) & enuf voltage rating on series cap. I've used ordinary DC-rated caps with no problem, I suppose you might want to use special, AC-rate caps. At higher charging currents, you'd want to pay attention to the cap's current rating (not usually specified) too.

So, to get back to original question, what think you of 1A/250mA charging currents? With simple constant-current charger, you don't have to worry about what voltage gives what charging current as a car's regulator does.

-John Sehring (Fri, Jul 30, 1999 Custer SD USA) UCC WB0EQ

Message-Id: <199908042111.RAA23153@sparticus.bright.net>
From: "Tony J. Schroeder" <tony@bright.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 4 Aug 1999 17:11:15 -0400
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: TRADE: SP-600 JX-17 Super Pro

Hi All,

I have the subject receiver available for trade. The Super Pro is in good working condition, and appears to be from a later production run, as the hated Black Beauty capacitors are nowhere to be seen. The set is complete sans cabinet, and looks nice, though the front panel does have a couple of sizeable scratches on its upper portion. I think the plastic fuze cover is damaged, too (if I remember right - I'm still at work, and the set is at home).

I haven't been using the SP-600, and I would like to trade it for a set that will fit into the World War II-era section of my Boatanchor collection, especially a SX-28 or SX-28A Super Skyrider or SX-32 Skyrider. I would also swap for wartime National sets, or for another R-390 or R-390A (yeah, I know the're from the Cold War era, bu I'd still like to have another). I want to use and display the radio I swap for in my office (current GRW* is only about 180 pounds). Of course, a DD-1 will earn you the Super Pro and a decent amount of cash!

Please send me a note if you're interested or would like a more detailed description of the Super Pro.

Thanks & 73,

Tony N8SNC

*Gross Radio Weight

Message-ID: <37A8B910.AFBA0289@esslink.com>
Date: Wed, 04 Aug 1999 18:05:04 -0400
From: Sandy Gerli <angerli@esslink.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HRO-60 Pwr Xfmr WTB
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Need an original HRO-60 power transformer. Anyone have one??

73,

--
Sandy Gerli, AC1Y
500 Country Club Road
Avon, CT 06001-2406
(860) 675-5566
E-Mail: angerli@esslink.com

Life Member: ARRL, QCWA
Collins Collectors Association
Hallicrafters Collectors Association

Boatanchors are Ham Radio's living heritage!
Restore something! Smell that hot solder!
Sure beats booze. And, you can get up afterwards!!
Keep your finals dipped...

Date: Wed, 4 Aug 1999 18:32:44 -0400
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199908042232.SAA06882@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com

Subject: Re: wide bandwidth SSB vs. normal bandwidth

Lane

It won't sound any 'wider' than the SSB filters in the RXs on which
you're heard... & all Xcvrs are "KWM-1 style" with same TX & RX filter.

But put it in & see what happens.

Everyone 'just does it' now thanks to Nike (& Microsoft)

Marty

From: K8MFO@aol.com
Message-ID: <c311e625.24da2f14@aol.com>
Date: Wed, 4 Aug 1999 20:04:36 EDT
Subject: Rider Manuals for Sale
To: Old Tube Radios <boatanchors@theporch.com>
CC: baswaplist@foothill.net
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a number of the John F. Rider "Perpetual Troubleshooter's Manuals" for sale. They are a virtual treasure chest of schematics, operating instructions, and service data for electronics of their time.

All of the volumes are in original binders.   Each has the volume number except the 1931 issuance -- that may be the first one.   ??

Some of these babies weigh in at over 10 pounds.

Will sell for $30 per volume, which INCLUDES UPS shipping (CONUS) in a good box.

Please specify which volume you are interested in.

Available

The 1931 issue
VI
VII
VIII
IX
X
XI

XII
XIII
XIV
XV - also has separate index
XVI - also has separate index

Please reply directly.

Don Karvonen K8MFO   k8mfo@aol.com

```
Message-Id: <3.0.5.32.19990804170151.007ca580@istar.ca>
Date: Wed, 04 Aug 1999 17:01:51 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Ralph Parker <rparker@istar.ca>
Subject: Re: wide bandwidth SSB
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
```

Lane, KU7I asked:
>...I happen to have a 4khz filter that is for a Kenwood 8.83 mhz I.F. Was
>wondering how this would sound if I installed it in my TS-820S?
>...thought it might be interesting to see how the rig would sound, esp. the
>xmit audio, with this wider filter.

Well, I have only a 2.1 filter in my 75A-4 (P.O. swapped the 3.1, I guess), so for hi-fi ssb, I use the 6.0 filter. Makes a big difference, even on 2.something bandwidth xmitters. Sounds wonderful - almost like AM, much better than the 2.1. I guess if you want the best ssb, xmit on a filter type xmitter.

BTW, tried to trade a spare 6.0 filter for a 3.1, and got ripped off by a former list member. Only the 3rd time in 2 years (2 former members and 1 current), so maybe I shouldn't complain.

73, Ralph, VE7XF

```
Message-ID: <01af01bedee8$079a8a60$522fcfd1@default>
From: "Robert Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Couple of needs
Date: Wed, 4 Aug 1999 21:11:25 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
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I need a neon sign transformer for a semi-BA-related project, if anyone has
one they'd be willing to sell.

Also - need one of the lever knobs used on the Heath SB-series - even a
broken one is OK as long as the lever part is present.

Thanks and 73,
Bob W9RAN

Date: Wed, 4 Aug 1999 23:21:22 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: Re: [MilSurplus] TBW-5, TA-12D
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Ronnie Parker <n1udi19@idt.net>,
   Tempe Boatanchors <BOATANCHORS@LISTSERV.TEMPE.GOV>,
   Boatanchors <boatanchors@theporch.com>, "[unknown]" <Milsurplus@qth.net>,
   "[unknown]" <Boatanchors@qth.net>
Message-ID: <199908042321_MC2-7FDD-21CA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1
Content-Disposition: inline

Groups,

I concur with Dave, Meir and many others on the "surplus conversion"
subject. I have an original of every Surplus Conversion manual ever
written, but they were written when there were hundreds or thousands of
radios for every person interested in doing anything with them. Today, t=
he
situation is reversed. =

More specifically, it has been years since I've seen an unbutchered TBW,
and I have never come across a GO-9, in any condition. On the other hand=
,
I have a shelf full of 800 cps inverters, and don't see any practical
difference between building or acquiring a 12/14 or 24/28VDC supply to ru=
n
an inverter and doing the same thing to run a dynamotor.

Also (warning - commercial message follows) I have a GO-9 manual availabl=
e
to copy and plenty of TA-12 power plugs. =

For those of you who are thoroughly confused by this thread, the TBW and
GO-9 were WW-II vintage Navy ground and aircraft transmitters. The TBW w=
as
used with the RBM receiver set. Both consisted of two transmitters (LF a=
nd
HF) and a rectifier unit, and the physical appearance is similar but not
identical. The rectifier units operated from 115 VAC 600-800 cps. The T=
BW
was supplied with a gasoline powered AC generator. The GO-9 operated off=

of an inverter or engine driven AC generator. In the terminology of the
book collecting market, the transmitters would be classified as scarce to=

rare, and the rectifiers as extremely rare. I've never seen either
rectifier, and know of three or four in existance. The discussion was ov=
er
whether to modify (aka butcher) one of them for 60 hz operation.

73,
Robert Downs
WA5CAB
Houston

End of BOATANCHORS Digest 2627
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